

P.O. Box 747 • Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

A circular black ink stamp from the Office of Intellectual Property (OIP). The text "OIP" is at the top, "JUN 10 2002" is in the center, and "PATENT &amp; TRADEMARK OFFICE" is at the bottom. The stamp is partially overlapping the "CO" in the word "COPY" on the line below.

I, the above named inventor, I hereby declare that my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Fill in Appropriate Information - For Use Without Specification Attached: the specification of which is attached hereto. If not attached hereto, the specification was filed on March 7, 2002 as United States Application Number 10 / 0 9 2 2 5 2 and amended on \_\_\_\_\_ (if applicable) and/or the specification was filed on \_\_\_\_\_ as PCT International Application Number \_\_\_\_\_; and was amended on \_\_\_\_\_ (if applicable)

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

Insert Priority  
Information:  
(if appropriate)

<u>2001-272661</u>	<u>JAPAN</u>	<u>September 7, 2001</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Month/Day/Year Filed)	Yes	No
<u>                    </u>	<u>                    </u>	<u>                    </u>	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Month/Day/Year Filed)	Yes	No
<u>                    </u>	<u>                    </u>	<u>                    </u>	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Month/Day/Year Filed)	Yes	No
<u>                    </u>	<u>                    </u>	<u>                    </u>	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Month/Day/Year Filed)	Yes	No

**Insert Provisional  
Application(s):  
(if any)**

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

Country	Application Number	Date of Filing (Month/Day/Year)
---------	--------------------	---------------------------------

Insert Requested  
Information:  
(if appropriate)

---

**Insert Prior U.S.  
Application(s):  
(if any)**

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the practitioners at CUSTOMER NO. 2292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

**BIRCH, STEWART, KOLASCH & BIRCH, LLP** or CUSTOMER NO. 2292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE:  
YOU MUST  
COMPLETE  
THE  
FOLLOWING:  
↓

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First  
or Sole Inventor:  
Insert Name of  
Inventor  
Insert Date This  
Document is Signed

Insert Residence  
Insert Citizenship

Insert Post Office  
Address

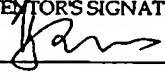
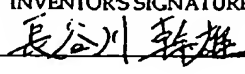
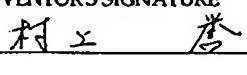

Full Name of Second  
Inventor, if any:  
see above

Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

Full Name of Fifth  
Inventor, if any:  
see above

Full Name of Sixth  
Inventor, if any:  
see above

GIVEN NAME/FAMILY NAME Gang WU	INVENTOR'S SIGNATURE 	DATE* 05/13/2002
Residence (City, State & Country) Koganei-shi, Tokyo, JAPAN	CITIZENSHIP Chinese	
MAILING ADDRESS (Complete Street Address including City, State & Country) Communications Research Laboratory, Independent Administrative Institution 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo, JAPAN 184-0015		
GIVEN NAME/FAMILY NAME Mikio HASEGAWA	INVENTOR'S SIGNATURE 	DATE* 7/May/2002
Residence (City, State & Country) Koganei-shi, Tokyo, JAPAN	CITIZENSHIP Japanese	
MAILING ADDRESS (Complete Street Address including City, State & Country) Communications Research Laboratory, Independent Administrative Institution 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo, JAPAN 184-0015		
GIVEN NAME/FAMILY NAME Hornare MURAKAMI	INVENTOR'S SIGNATURE 	DATE* 7/May/2002
Residence (City, State & Country) Koganei-shi, Tokyo, JAPAN	CITIZENSHIP Japanese	
MAILING ADDRESS (Complete Street Address including City, State & Country) Communications Research Laboratory, Independent Administrative Institution 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo, JAPAN 184-0015		
GIVEN NAME/FAMILY NAME Mitsuhiko MIZUNO	INVENTOR'S SIGNATURE 	DATE* 7/May/2002
Residence (City, State & Country) Koganei-shi, Tokyo, JAPAN	CITIZENSHIP Japanese	
MAILING ADDRESS (Complete Street Address including City, State & Country) Communications Research Laboratory, Independent Administrative Institution 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo, JAPAN 184-0015		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)	CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)	CITIZENSHIP	